(FILE 'HOME' ENTERED AT 13:46:55 ON 15 MAR 2003)

FILE 'REGISTRY' ENTERED AT 13:47:02 ON 15 MAR 2003

L1 0 S DIMYCOLATE/CN
L2 0 S DIMYCOLATE

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:49:04 ON 15 MAR 2003

L3 2506439 S PROTEIN OR ENZYME
L4 3790017 S WATER OR AQUEOUS
L5 602448 S ?TREHALOSE OR SUCROSE OR GLUCOSE OR MALTOSE OR GALATOSE OR ?
L6 18142 S L3 (P) L4 (P) L5
L7 3350 S (FORMULATION OR COMPOSITION) (P) L6
L8 454617 S ETHANOL OR ETHYL ALCOHOL OR ETHYLALCOHOL
L9 187 S L7 (P) L8
L10 20791 S PROTEIN (P) L8
L11 164 S PROTEIN (P) L9
L12 32 S ENZYME (P) L9
L13 1209 S (?TREHALOSE OR ?PYRANOSIDE) (P) L6
L14 258 S L13 (P) (COMPOSITION OR FORMULATION)
L15 19 S L14 (P) L8

Set Name side by side	Query	Hit Count	Set Name result set
	DB=DWPI; PLUR=YES; OP=ADJ		
L21	l10 and L20	2	L21
L20	l12 and L19	45	L20
L19	l8 and l6 and L18	162	L19
L18	$10trehalose or $10pyranoside	1825	L18
L17	l12 and L16	38	L17
L16	l10 and L15	162	L16
L15	L14 and l6	2482	L15
L14	l5 and l8 and L6	2482	L14
L13	l9 and L12	14	L13
L12	formulation or composition	684398	L12
L11	l9 and L10	1	L11
L10	ethanol or ethylalcohol or ethyl alcohol	45961	L10
L9	l7 and L8	57	L9
L8	protein or enzyme or factor or anitbody or anti body antigen or anti gen or hormone or cytokine or insulin	254098	L8
L7	l4 and l5 and L6	57	L7
L6	water or aqueous	1278147	L6
L5	trehalose or surcose or glucose or maltose or galactose or $7pyranoside	27213	L5
L4	l1 or l2	1724	L4
L3	dis sol$7 near2 (protein or enzyme or factor or anitbody or anti body antigen or anti gen or hormone or cytokine or insulin)	0	L3
L2	dissol$7 near2 (protein or enzyme or factor or anitbody or anti body antigen or anti gen or hormone or cytokine or insulin)	1105	L2
L1	suspen$7 near2 (protein or enzyme or factor or anitbody or anti body antigen or anti gen or hormone or cytokine or insulin)	653	L1

END OF SEARCH HISTORY

WEST

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L17: Entry 21 of 38 File: DWPI Apr 1, 1993

DERWENT-ACC-NO: 1993-117248
DERWENT-WEEK: 200048

TITLE: Emulsion contg. parathyroid hormone for admin. through nose - including glycyrrhizic acid (salt) acid and N-alkyl-thio-alkyl-substituted azetidinone or piperidinone as absorption promoter

INVENTOR: MANAKO, T; MORIMOTO, S ; SAITA, M ; SAKAKIBARA, H ; SHIMOZONO, Y ; SUGIMOTO, M ; YAMAMOTO, N

PRIORITY-DATA: 1991JP-0236193 (September 17, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9305805 A1	April 1, 1993	J	026	A61K037/24
JP 3090353 B2	September 18, 2000		010	A61K038/22
JP 05070367 A	March 23, 1993		010	A61K037/24
AU 9225843 A	April 27, 1993		000	A61K037/24
EP 610502 A1	August 17, 1994	E	016	A61K037/24
US 5407911 A	April 18, 1995		008	A61K037/24
AU 662168 B	August 24, 1995		000	A61K037/24
EP 610502 A4	February 28, 1996		000	A61K037/24
CA 2118655 C	August 19, 1997		000	A61K047/22
EP 610502 B1	July 22, 1998	E	000	A61K038/22
DE 69226370 E	August 27, 1998		000	A61K038/22
KR 129865 B1	April 9, 1998		000	A61K038/22

INT-CL (IPC): A61 K 9/00; A61 K 9/107; A61 K 9/72; A61 K 37/24; A61 K 38/22; A61 K 38/29; A61 K 47/22; A61 K 47/26; A61 K 47/28

ABSTRACTED-PUB-NO: EP 610502B
BASIC-ABSTRACT:

The emulsion contains (a) parathyroid hormone; (b) glycyrrhizic acid and azacycloalkane derivs. of formula (I) or their salts, as absorption promoter; and (c) water. In (I), R = alkyl; m = 2-4; n = 1-15; and when n = 1-3, R = 5-11C alkyl.

Pref. R1 = 10C alkyl; m = 3; and n = 2 ie. (I) is 1-(2-(decylthio)ethyl) azacyclo pentan-2-one. (IA). Compsn. contains 10-10,000 units parathyroid hormone/ml, 0.1-5 w/v glycyrrhizic acid, 0.1-10 w/v hormone (1-34), (I) etc.. A compsn. contg. human parathyroid hormone (1-34), glycyrrhizic acid or its salt, and (IA) is specifically claimed. Pref. pH is 5-7. It may contain glyerol, mannitol, NaCl, KCl, glucose etc., 0.02-2% w/v preservative e.g. p-hydroxy benzoate ester, chlorobutanol, phenyl ethyl alcohol, benzxalkonium salt, sorbic acid etc.. The emulsion droplet size is 0.1-0.3 microns.

USE/ADVANTAGE - The emulsion is applied as nose drops or spray to the nose. The absorption is rapidly compared with absorption from powder and there is less lung damage. The emulsion is stable.
ABSTRACTED-PUB-NO:

US 5407911A EQUIVALENT-ABSTRACTS:

The emulsion contains (a) parathyroid hormone; (b) glycyrrhizic acid and azacycloalkane derivs. of formula (I) or their salts, as absorption promoter; and (c) water. In (I), R = alkyl; m = 2-4; n = 1-15; and when n = 1-3, R = 5-11C alkyl.

Pref. R1 = 10C alkyl; m = 3; and n = 2 ie. (I) is 1-(2-(decylthio)ethyl) azacyclo pentan-2-one. (IA). Compsn. contains 10-10,000 units parathyroid hormone/ml, 0.1-5 w/v glycyrrhizic acid, 0.1-10 w/v hormone (1-34), (I) etc.. A compsn. contg. human parathyroid hormone (1-34), glycyrrhizic acid or its salt, and (IA) is specifically claimed. Pref. pH is 5-7. It may contain glyerol, mannitol, NaCl, KCl, glucose etc., 0.02-2% w/v preservative e.g. p-hydroxy benzoate ester, chlorobutanol, phenyl ethyl alcohol, benzxalkonium salt, sorbic acid etc.. The emulsion droplet size is 0.1-0.3 microns.

USE/ADVANTAGE - The emulsion is applied as nose drops or spray to the nose. The absorption is rapidly compared with absorption from powder and there is less lung damage. The emulsion is stable.

Parathyroid hormone (PH) contg. emulsion for nasal admin. comprises PH and at least one azacycloalkane deriv. of formula (I) as an absorption promoter, glycyrrhizic acid (GA) or its non toxic salt and water. In (I) R is alkyl pref. 10C alkyl; m is 2-4 pref. 3 and n is 1-5 pref. 2 provided that R is 5-11C alkyl when n is 1-3. Pref. the compsn. comprises PH(1-34), GA or its non toxic salt and 1-(2-(decylthio) ethyl)azacyclopentan-2-one.

USE/ADVANTAGE - PH is a peptide hormone having serum calcium elevating activity and being used as a diagnostic agent for hypoparathyroidism. The PH compsn. has improved stability over prior art compsns. PH is absorbed safely and efficiently by spraying into the nasal cavity. The problems such as pain and anguish encountered with admin. by injection are avoided.

WO 9305805A

WEST

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L17: Entry 37 of 38 File: DWPI Oct 14, 1976

DERWENT-ACC-NO: 1976-89578X
DERWENT-WEEK: 197648

TITLE: Detergent compsn. for foods - contg. a sucrose fatty acid ester, protein and peptide

PRIORITY-DATA: 1975JP-0042506 (April 7, 1975)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 51116806 A	October 14, 1976		000	

INT-CL (IPC): C11D 1/66; C11D 3/37; C11D 10/02

ABSTRACTED-PUB-NO: JP 51116806A
BASIC-ABSTRACT:

Sucrose fatty acid water system liq. detergent compsn. for foods comprises (a) a sucrose fatty acid ester (which consist of (un)satd. fatty acids of 8-20C; the content of monoester is pref. 40-80E%), (b) protein (pref. soluble animal or vegetable protein), and (c) peptide (animal or vegetable protein hydrolysate of <10,000 mol. wt.) and its salt with sodium, potassium, triethanolamine, etc. as essential components, and further adding a suitable solvent (alcohol such as ethanol, propylene glycol or glycerin or water), a soluble stabiliser (saccharide such as sucrose, glucose, sorbitol, dextrin, raffinose, trehalose, etc.) preserving agent, perfume, colouring agent, etc. to it. The washing power and foaming power of sucrose fatty acid ester can be further improved. Also touch and mild feeling to skin can be improved.

WEST

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L17: Entry 36 of 38 File: DWPI Apr 7, 1981

DERWENT-ACC-NO: 1982-03565E
DERWENT-WEEK: 198202

TITLE: Dietary compsn. for use in protein deficiency - protein hydrolysis prod. glucose, ethanol, peppermint extract, di:sodium phosphate and saccharin

INVENTOR: CHAPLYGINA, Z A; HLEBNIKOVA, I M ; SABASHNIKO, G M

PRIORITY-DATA: 1975SU-2172881 (September 19, 1975)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 818619 B	April 7, 1981		002	

INT-CL (IPC): A61K 37/18

ABSTRACTED-PUB-NO: SU 818619B
BASIC-ABSTRACT:

The compsn. for treatment of patients with protein deficiency due to the pathological processes contains (in wt.%): protein hydrolysate (I) 20-25, glucose 20-30, ethanol 4-6, peppermint extract 1.0-1.4, disodium phosphate 0.08-0.12, saccharin 0.03-0.05 and water.

The compsn. is 5 times more potent than an agent consisting of I, glucose and ethanol only.

Protein hydrolysate is passed through an ion exchanger and spray dried at 90-120 deg.C, and powder dissolved in water at 60-70 deg.C. to give soln. contg. 20-25% of amino acids which is mixed with a soln. of glucose, disodium phosphate and saccharin, cooled to room temp. and ethanol and the peppermint extract are added. The final volume is adjusted to the correct content of nitrogen. The soln. is clarified and sterilised by filtration for storage. (2pp)